

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Ken Shiozaki  
Yoshinobu Iida

Serial No. : --

Filed : Concurrently herewith

For : EXTERNAL CONTROL TYPE FAN-COUPLING DEVICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

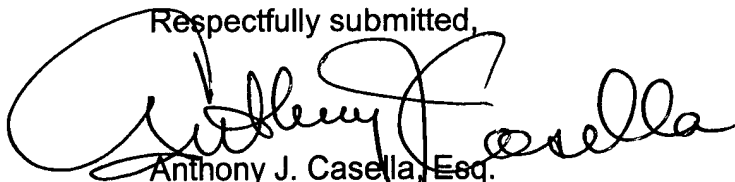
**INFORMATION DISCLOSURE STATEMENT**

Sir:

Attached hereto are copies of Form PTO-1449 which identify several prior art references. These references include patents that have issued recently to the assignee of the subject invention as well as certain relevant references that were cited during the prosecution of the assignee's related patents. These patents are believed to be of general relevance in that they show prior art temperature sensitive fluid type fan coupling devices including prior art efforts to have rotational speed of the fan closely match the cooling needs of the engine.

The Examiner is requested to consider this prior art during the examination and to make the references of record.

Respectfully submitted,



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10/21/07

# **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.

USUI-13M

SERIAL NO.

--

APPLICANT(S) Ken Shiozaki et al.

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## **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,879,755	3-1959	Weir			
	2,988,188	6-1961	Tauschek			
	3,059,745	10-1962	Tauschek			
	3,217,849	11-1965	Weir			
	3,259,221	7-1966	Godfrey			
	3,272,188	9-1966	Sabat			
	3,430,743	3-1969	Fujita et al.			
	3,463,282	8-1969	Fujita et al.			
	3,642,105	2-1972	Kikuchi			
	3,727,354	4-1973	La Flame			
	3,840,101	10-1974	Peter et al.			

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	54-25581	8-1979	Japan				✓
	55-76226	6-1980	Japan				✓
	57-1829	1-1982	Japan				✓
	57-167533	10-1982	Japan				✓
	57-179431	11-1982	Japan				✓

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	3,856,122	12-1974	Leichliter			
	3,893,555	7-1975	Elmer			
	3,964,582	6-1976	Mitchell			
	4,238,016	12-1980	Yoshida et al.			
	4,281,750	8-1981	Clancey			
	4,403,684	9-1983	Haeck			
	4,505,367	3-1985	Martin			
	4,629,046	12-1986	Martin			
	4,665,694	5-1987	Brunken			
	4,667,791	5-1987	Martin et al.			
	4,685,549	8-1987	Brunken et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	59-27452	7-1984	Japan				✓
	62-124330	6-1987	Japan				✓
	62-194038	8-1987	Japan				✓
	63-182332	11-1988	Japan				✓

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


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--**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,699,258	10-1987	Johnston et al.			
	4,796,571	1-1989	Ono et al.			
	4,846,331	7-1989	Ono			
	4,850,465	7-1989	Ono			
	4,903,643	2-1990	Takikawa et al.			
	4,903,850	2-1990	Ono			
	4,930,458	6-1990	Takikawa et al.			
	5,004,085	4-1991	Taureg			
	5,018,612	5-1991	Takikawa et al.			
	5,060,774	10-1991	Takikawa et al.			
	5,090,533	2-1992	Inoue			

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	5,101,949	4-1992	Takikawa et al.			
	5,109,965	5-1992	Inoue			
	5,119,920	6-1992	Inoue			
	5,125,491	6-1992	Takikawa et al.			
	5,139,125	8-1992	Takikawa et al.			
	5,232,074	8-1983	Watanabe			
	5,452,782	9-1995	Inoue			
	5,501,183	3-1996	Takayama			
	5,575,368	11-1996	Kikuchi et al.			
	5,794,749	8-1998	Ryuu			
	5,881,857	3-1999	Ryuu			

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	6,125,981	12-2000	Ito et al.			
	6,247,567	6-2001	Watanabe			
	6,550,596	4-2003	Shiozaki et al.			

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